amped|wireless

SETUP GUIDE

? Need Help? Give us a call.

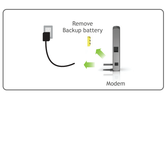
Phone: 888-573-8820
Email: techsupport@ampedwireless.com
Web: www.ampedwireless.com/support

— READ FIRST —

High Power 700mW Dual Band AC Wi-Fi Router RTA15

1 Disconnect & Power Off your Existing Router (if available)

Disconnect your existing router from your computer, your broadband modem, and its power outlet. If you do not have an existing router please continue to Step 2.



2 Power Off your Modem

Power off the modem by disconnecting the modem's power adapter from the power outlet. If your modem has a backup battery, remove the backup battery from your modem.

Do NOT power on your modem until Step 4.

3 Connect the Router to your Modem

a Use the included blue Ethernet cable and connect one end of the cable to your modem.

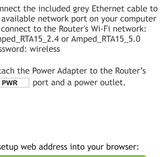
b Connect the other end of the cable to the blue **Modem** port on the Router.

Do NOT connect the power adapter to the Router at this time.

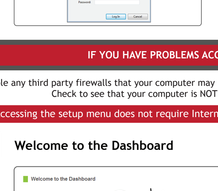
4 Power On your Modem

Plug in the power adapter and reinsert the backup battery (if available) to power on the modem.

Allow a minute or two for the modem to initiate.



5 Attach the Antennas to their Specific Connectors on the Router



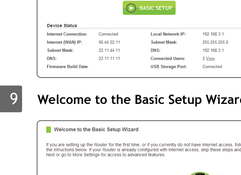
Attach the three included Antennas to their corresponding numbers:

a Antenna 1 (5.0GHz only) to Antenna Port 1

b Antenna 2 (2.4 and 5.0GHz) to Antenna Port 2

c Antenna 3 (2.4GHz only) to Antenna Port 3

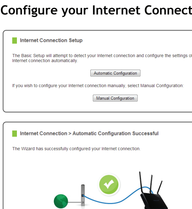
6 Power On the Router and Connect it to your Computer



a Connect the included grey Ethernet cable to an available network port on your computer *or* connect to the Router's Wi-Fi network: Amped_RTA15_2.4 or Amped_RTA15_5.0 Password: wireless

b Attach the Power Adapter to the Router's **PWR** port and a power outlet.

7 Open your Web Browser



Enter the setup web address into your browser:

http://setup.ampedwireless.com

If the URL fails to open, then try: http://192.168.3.1

When prompted, enter the login and password:

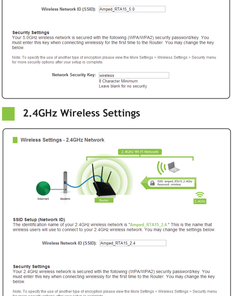
LOGIN:	admin
PASSWORD:	admin

IF YOU HAVE PROBLEMS ACCESSING THE WEB MENU...

Disable any third party firewalls that your computer may have on (e.g., Norton/ZoneAlarm/Windows Defender). Check to see that your computer is NOT connected to any wireless networks.

Accessing the setup menu does not require Internet access. The menu is served from the Router.

8 Welcome to the Dashboard



The Dashboard will provide you with the current status of the Router.

If the Dashboard shows that you are connected to the Internet, then you're done. You may now browse the Internet.

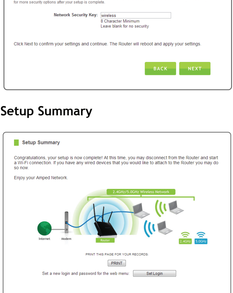
If you wish to configure additional settings or if the Dashboard shows a problem with your Internet connection, click Basic Setup to configure:

1 Internet Connection Settings

2 Wi-Fi Settings

Click **Basic Setup** to begin.

9 Welcome to the Basic Setup Wizard


Welcome to the Basic Setup Wizard
If you are setting up the Router for the first time, or if you currently do not have Internet access, follow the instructions below. If your Router is already configured with Internet access, skip these steps and click Next or go to More Settings for access to advanced features.
Power adapter
modem
Router

Double check that the modem is connected to the Router's Modem port.

Check that your antennas are attached to their corresponding antenna connectors.

Click **Next** to continue.

10 Configure your Internet Connection

Internet Connection Setup
The Basic Setup will attempt to detect your internet connection and configure the settings of your internet connection automatically.
Automatic Configuration
If you wish to configure your internet connection manually, select Manual Configuration
Manual Configuration

Automatically configure your Internet settings by clicking on Automatic Configuration.

More advanced users may choose to configure their connection manually by selecting Manual Configuration.

If your Internet provider requires that you log in before accessing the Internet, you will need to do so under Manual Configuration.

If there is a problem with the Automatic Configuration, the wizard will notify you of the issue. If you continue to have problems, contact our support department at 888-573-8820.

If the Automatic Configuration was successful, you will be directed to a Configuration Successful page.

Click **Next** to continue.

11 Configure your Wireless and Security Settings

5.0GHz Wireless Settings

Wireless Settings - 5.0GHz Network
5 GHz Wi-Fi Network
Internet
Modem
Router
Computer
Laptop
SSID Setup (Network ID)
The identification name of your 5.0GHz wireless network is "Amped_RTA15_5.0 " This is the name that wireless users will use to connect to your wireless network. You may change the settings below.
Wireless Network ID (SSID): Amped_RTA15_5.0
Security Settings
Your 5.0GHz wireless network is secured with the following (WPA/WPA2) security password/key. You must enter this key when connecting wirelessly for the first time to the Router. You may change the key below.
Note: To specific the use of another type of encryption please view the More Settings > Wireless Settings > Security menu for more security options after your setup is complete.
Network Security Key: wireless
8 Character Minimum
Leave Blank for no security

The default ID of your 5.0GHz wireless network is: Amped_RTA15_5.0

To change it, enter a new name in the SSID field. Users connecting wirelessly to the Router will use this ID to identify your 5.0GHz wireless network.

The default Security Key (WPA/WPA2) of your 5.0GHz wireless network is: wireless

To change it, enter a new key in the Security Key field. The key must be at least 8 characters long.

Click **Next** to apply your settings and continue with the settings for your 2.4GHz network.

2.4GHz Wireless Settings

Wireless Settings - 2.4GHz Network
2.4GHz Wi-Fi Network
Internet
Modem
Router
Computer
Laptop
SSID Setup (Network ID)
The identification name of your 2.4GHz wireless network is "Amped_RTA15_2.4 " This is the name that wireless users will use to connect to your 2.4GHz wireless network. You may change the settings below.
Wireless Network ID (SSID): Amped_RTA15_2.4
Security Settings
Your 2.4GHz wireless network is secured with the following (WPA/WPA2) security password/key. You must enter this key when connecting wirelessly for the first time to the Router. You may change the key below.
Note: To specific the use of another type of encryption please view the More Settings > Wireless Settings > Security menu for more security options after your setup is complete.
Network Security Key: wireless
8 Character Minimum
Leave Blank for no security
Click Next to confirm your settings and continue. The Router will reboot and apply your settings.
BACK
NEXT

The default ID of your 2.4GHz wireless network is: Amped_RTA15_2.4

To change it, enter a new name in the SSID field. Users connecting wirelessly to the Router will use this ID to identify your 2.4GHz wireless network.

The default Security Key (WPA/WPA2) of your 2.4GHz wireless network is: wireless

To change it, enter a new key in the Security Key field. The key must be at least 8 characters long.

Click **Next** to apply your settings. The Router will reboot. This process may take up to 1 minute. The page will automatically reload after the countdown. If it does not, you may need to refresh the page manually or check your connection to the router.

12 Setup Summary

Setup Summary
Congratulations, your setup is now complete! At this time, you may disconnect from the Router and start a WAN connection. If you have any wired devices that you would like to attach to the Router you may do so now.
Enjoy your Amped Network.
5 GHz Wi-Fi Network
2.4GHz Wi-Fi Network
Internet
Modem
Router
Computer
Laptop
PRINT THIS PAGE FOR YOUR RECORDS
PRINT
Set a new login and password for the web menu:
Set Login

Congratulations, the Router is now successfully configured and your settings are now saved. You may now connect additional devices directly to the 4 wired ports on the back panel or connect wirelessly to the Router.

? Need Help? Give us a call.

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LED Indicator Information

Power: Indicates when the Router is powered on. The LED will remain on.

WPS: When Wi-Fi Protected Setup (WPS) is activated, the Power LED blinks as it awaits a connection.

5.0GHz Wireless Activity: Blinks rapidly when data traffic is transmitted or received over the 5.0GHz wireless network.

2.4GHz Wireless Activity: Blinks rapidly when data traffic is transmitted or received over the 2.4GHz wireless network.

Internet Connection: Indicates when the Router is connected to a broadband modem. The LED will blink rapidly when Internet traffic is transmitted or received.

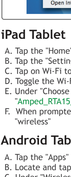
Gigabit Wired Ports 1-4: Indicates when a networking device is connected to a wired port on the back of the Router. The LED will blink rapidly when wired data traffic is transmitted or received.

USB Connection: Indicates when a USB storage device is connected to the USB port.

How to Connect Wirelessly to the Router

Windows 7 and Vista

Click on the Wireless icon to see available wireless networks (For Vista, click Start > Connect To). Select "Amped_RTA15_2_4" or "Amped_RTA15_5_0" network and click Connect. When prompted for a password, enter "wireless".



Windows 8

Swipe in from the right edge to access the charms bar, tap on Settings, select the Wi-Fi icon, and select "Amped_RTA15_2_4" or "Amped_RTA15_5_0". When prompted for a password, enter "wireless".

Mac OS X

Click on the Wireless icon to see available wireless networks. Select "Amped_RTA15_2_4" or "Amped_RTA15_5_0" network. When prompted for a password, enter "wireless".

iPhone

Tap on your Settings icon, select Wi-Fi, and choose the network, "Amped_RTA15_2_4" or "Amped_RTA15_5_0". When prompted for a password, enter "wireless".

iPad Tablet

A. Tap the "Home" button to get to the home page.
B. Tap the "Settings" app icon.
C. Tap on Wi-Fi to enter the iPad's Wi-Fi settings.
D. Toggle the Wi-Fi "On/Off" selector switch to "On"
E. Under "Choose a Network," select: "Amped_RTA15_2_4" or "Amped_RTA15_5_0"
F. When prompted, enter the wireless security key: "wireless"

Android Tablet

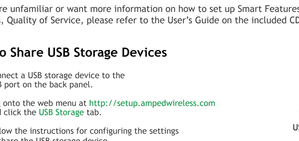
A. Tap the "Apps" menu on the tablet screen.
B. Locate and tap the "Settings" app icon.
C. Under "Wireless & networks," tap "Wi-Fi settings"
D. Tap the Wi-Fi box to turn on Wi-Fi and scan.
E. Under "Wi-Fi networks," select: "Amped_RTA15_2_4" or "Amped_RTA15_5_0"
F. When prompted, enter the Password key: "wireless"

Wi-Fi Protected Setup (One-Touch Setup or Push Button Configuration)

If your Wi-Fi device has WPS one-touch setup, you can use it to connect to the Router:

A. Hold down the WPS button on the Router (back panel) for 3 seconds. The Power LED will begin to blink.

B. As it blinks, push the WPS button on your wireless adapter or enable WPS with the provided software for your wireless adapter. WPS will automatically configure the connection settings for your wireless adapter to connect to the Router.



Setting a Login and Password

The Router has a default login and password to access the web menu:

LOGIN: admin
PASSWORD: admin

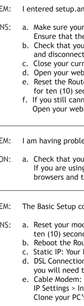
This login/password is NOT the wireless network key used to connect to your wireless network.

It is strongly recommended that you change these settings and select your own personal login and password. The Password menu can be accessed through the web menu under More Settings > Management > Password on the left side of the web menu.

If you forget your login and password, you will need to reset the Router back to default settings and use the default login and password (login: admin, password: admin) to access the web menu. View the instructions below on how to reset your Router back to default settings.

Using the Features on the Router

The Router is equipped with many powerful security features which can be accessed through the web menu on the left side under Smart Features, Firewall Settings and Quality of Service:



Web Menu (Left Side)

Wireless Access Scheduling
Control when your Wi-Fi is on/off
Location: 2.4 or 5.0GHz Wi-Fi Settings > Access Schedule

User Access Control (MAC/IP)
Restrict network access to specific users
Location: Smart Features > User Access

Wireless Coverage Control
Adjust the distance of your wireless network
Location: 2.4 or 5.0GHz Wi-Fi Settings > Wireless Coverage

Block Websites
Prevent access to specific websites
Location: Smart Features > Block Websites

Firewall Settings
Protect your network from outside intruders
Location: Firewall Settings

Quality of Service (Prioritize Bandwidth)
Manage your network bandwidth
Location: Quality of Service

If you are unfamiliar or want more information on how to set up Smart Features, Firewall Settings, Quality of Service, please refer to the User's Guide on the included CD.

How to Share USB Storage Devices

1. Connect a USB storage device to the USB port on the back panel.
2. Log onto the web menu at http://setup.ampedwireless.com and click the USB Storage tab.
3. Follow the instructions for configuring the settings to share the USB storage device.

How to Reset the Router to Default Settings

There are two options to reset the Router back to factory default settings:

1. Access the Reset button on through the web menu on the left side under More Settings > Management > Save/Reload Settings. Select the Reset Settings to Default.

2. Access the physical Reset button on the back panel of the Router: Hold down the Reset button for five to ten (5-10) seconds. You may need to use a pen tip or pin to access the button. Pressing the Reset Button for less than five (5) seconds will simply reboot the Router while saving your existing settings.

Using the Included Desktop Stand and Cable Organizer

1. Check that all your cables are connected to the Router and locate the Desktop Stand.

2. Tuck the cables to the bottom of the Router and slide them through the hole on the Stand.

3. Attach and fasten the Desktop Stand to lock the cables in place.

Troubleshooting Tips

PROBLEM: I entered setup.ampedwireless.com and it failed to open the Web Menu.

SOLUTIONS:
a. Make sure your computer is connected to the Router using the included Ethernet cable. Ensure that the power on the Router is on.
b. Check that your computer IS NOT connected to any wireless networks. If it is, disable your Wi-Fi connection and disconnect from all wireless networks. Reboot the router and try again.
c. Close your current web browser and reopen it. Use Google Chrome, Internet Explorer (8.0 and up), or Safari.
d. Open your web browser and enter 192.168.3.1 into the web address bar.
e. Reset the Router to default settings by holding the Reset Button (located on the back panel) for ten (10) seconds and try again.
f. If you still cannot access the menu, disconnect the Ethernet cable and connect wirelessly to the Router. Open your web browser to setup.ampedwireless.com.

PROBLEM: I am having problems with features on the Web Menu. When clicking buttons, it does not register my action.

SOLUTION: a. Check that you are using a supported web browser: Google Chrome, Internet Explorer (8.0 and up) and Safari. If you are using an unsupported web browser, such as Firefox, please change to one of the supported web browsers and try again.

PROBLEM: The Basic Setup could not automatically configure my Internet connection.

SOLUTIONS:
a. Reset your modem by holding down the reset button located on the back of the modem for approximately ten (10) seconds. Try again.
b. Reboot the Router by unplugging the power adapter and plugging it back in.
c. Static IP: Your Internet connection may require a static IP setting. Check with your ISP to obtain the IP settings.
d. DSL Connection: Your Internet connection may require login information. If you are using PPPoE mode, you will need to manually configure your Internet connection settings and obtain your username and password.
e. Cable Modem: Your Internet connection may require you to clone your MAC address. Go to More Settings > IP Settings > Internet Network (WAN) and select Automatic/Dynamic (DHCP) from the dropdown menu. Clone your PC's MAC address under the DNS settings.

PROBLEM: I cannot find the 5.0GHz network when scanning from my computer.

SOLUTION: a. Your computer may have a single band, 2.4GHz only capable network adapter.

If you continue to have issues setting up the Router, give us a call -- we're here to help: 888-573-8820
Visit our website for more support information and answers to frequently asked questions: www.ampedwireless.com/support

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